

## WEST Search History

DATE: Saturday, July 20, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=NO; OP=OR</i>			
L5	L4 and bowel	26	L5
L4	L3 or mmp-12	117	L4
L3	(macrophage adj elastase)	44	L3
L2	L1 and (macrophage adj elastase)	1	L2
L1	inflammatory adj bowel adj disease	7255	L1

END OF SEARCH HISTORY

**WEST**☐ **Generate Collection** **Print**

L4: Entry 11 of 117

File: PGPB

Mar 28, 2002

DOCUMENT-IDENTIFIER: US 20020037538 A1

TITLE: Compositions, kits, and methods for identification, assessment, prevention, and therapy of psoriasis

Detail Description Paragraph (4):

[0041] In addition, using polymerase chain reaction (PCR) analyses, which are capable of detecting expression of a single transcript in a population of 10.<sup>sup.6</sup> nucleic acids, several additional genes which were differentially expressed in psoriasis, but which, due to the sample size, had not been deemed in the previous analysis to be statistically significant, were identified. The expression of these selected genes in skin samples from involved and non-involved tissue from three different psoriasis-afflicted subjects was assessed by GeneChip analysis, as described in Example 1 (Table 8). Defensin, PD-ECGF, TPA, MMP-12, S100A8, S100A2, IFI-27, MMP-16, and MMP-2 were found to increase in expression in psoriatic tissue as compared to noninvolved tissue, whereas the reverse was observed for TIMP-3, APO-E, ID4, and PBX2 (Table 8).

Detail Description Paragraph (10):

[0047] Within this set, many genes not previously associated with psoriasis were also identified as being differentially regulated. For example, overexpression of multiple S100 family members such as S100A12 (calgizarin C, ENRAGE), S100A11 and S100A2, matrix metalloproteinases (MMP-12) and heparin binding protein 17 (HBP-17) were observed (FIG. 3). MMP-12 has previously been shown through microarray analysis to be deregulated in Crohn's and RA tissue, and HBP17, has been shown to play a role in angiogenesis and wound healing. A number of genes such as keritin 2, Apolipoprotein E (APOE), GATA3, Rb1, calponin 1 (CNN1), Cystatin 6 (CST6), TIMP-3 and TNXA were downregulated in the psoriatic lesions versus non-lesional skin. Other genes involved in inflammation and immune regulation such as the IL-4R, CD2, CD24, CD47, STAT-1, IFI27, IFI56, MX1, MnSOD, and MCP1 were elevated in lesional versus non-lesional tissue (FIG. 3).

Detail Description Paragraph (11):

[0048] Analysis of 16 additional psoriasis patients confirmed elevation of HARP, S100A12, HBP17, IL-4R, CCNF, LAD1, MAPKK3b, MMP-12, MTX, and DSG3 mRNA levels in lesional skin (FIG. 4A). Lower levels of CST6, TNXA, ID4, TIMP-3, GATA-3, IL-5, and ApoE in lesional skin versus non-lesional skin were also confirmed (FIG. 4B).

Detail Description Paragraph (294):

[0322] Many genes not previously associated with psoriasis were also identified as being differentially regulated. For example, overexpression of multiple S100 family members such as S100A12 (calgizarin C, ENRAGE), S100A11 and S100A2, matrix metalloproteinases (MMP-12) and heparin binding protein 17 (HBP-17) were observed (FIG. 3). A number of genes such as keritin 2, Apolipoprotein E (APOE), GATA3, Rb1, calponin 1 (CNN1), Cystatin 6 (CST6), TIMP-3 and TNXA were downregulated in the psoriatic lesions versus non-lesional skin. Other genes involved in inflammation and immune regulation such as the IL-4R, CD2, CD24, CD47, STAT-1, IFI27, IFI56, MX1, MnSOD, and MCP1 were elevated in lesional versus non-lesional tissue (FIG. 3).

Detail Description Paragraph (295):

[0323] The oligo array findings for a number of differentially regulated transcripts were validated using an orthologous methodology and confirmed in a larger psoriasis patient population by quantitative PCR. Analysis of 16 additional psoriasis patients

confirmed elevation of S100A12, HBP17, IL-4R, CCNF, LAD1, MAPKK3, MMP-12 and DSG3 mRNA levels in lesional skin (FIG. 4A). Lower levels of CST6, TNXA, ID4, Timp-3, GATA-3, IL-5 and ApoE in lesional skin versus non-lesional skin were also confirmed (FIG. 4B).

Detail Description Paragraph (311):

[0339] Genes activated in an antigen-specific manner during a DTH response may play a role in a variety of inflammatory conditions such as rheumatoid arthritis and Crohn's disease while genes activated during a tape-strip reaction may play a more fundamental role in generalized wounding of the skin. MMP-12, a differentially regulated gene identified in the current studies as overexpressed during the DTH response, has previously been shown through microarray analysis to be deregulated in Crohn's and RA tissue (Heller et al. (1997) Proc. Natl. Acad. Sci. 94:2150-2155). Other genes overexpressed in tape stripped samples, such as HBP17, have been shown to play a role in angiogenesis and wound healing (Czubayko et al. (1997) Nat. Med. 3:1137-1140). Finally, analysis of this gene set following patient treatment with immunomodulatory therapy indicated that pharmacogenomic analysis can be used to identify gene expression patterns that precede clinical improvement. The early responding genes may play a fundamental role in the disease process.

Detail Description Table CWU (10):

8TABLE 8 Comparison of uninvolved and psoriatic skin samples from 3 different psoriasis patients using 6800 human genechip. Only genes encoding proteins expressed in at least 2 of 3 patients are included and genes are ranked in order of fold change. Intensity, P/A, Intensity P/A, Diff. Fold NAME psoriasis Exp. Non-lesional Bas. Dec. Change FUNCTION Defensin 6820 P 2 A I 341 Antibacterial agent. Expressed in the skin and respiratory tract. Belongs to the beta-defensin family PD-ECGF 1520 P 0 A I 76 Platelet-derived endothelial cell growth factor. Angiogenic factor TPA 652 P -34 A I 32.6 Tissue plasminogen activator. Active in tissue remodeling and destruction. MMP-12 487 P -35 A I 24.3 Metalloproteinase, macrophage elastase. Secreted by alveolar macrophages S100A8 344 P -2 A I 17.2 Expressed in macrophages during chronic inflammation S100A2 170 P 10 A I 8.5 May act as a modulator against excess calcium accumulation. A subset of epithelial cells and keratinocytes. IFI-27 100 P 0 A I 5.0 Interferon-inducible protein-27 MMP-16 84 P 154 -1 I 4.2 Metalloproteinase, gelatinase MMP-2 239 P 64 4 I 4.0 Metalloproteinase; gelatinase, collagenase TIMP-3 40 A 90 P D 2.0 Tissue inhibitor of metalloproteinases APO-E 1040 P 5578 P D 5.6 Apolipoprotein E. Mediates binding and catabolism of lipoprotein particles. ID4 26 M 200 P D 7.7 Dominant/Negative inhibitor of helix-loop-helix transcription factors. Chr. Location: PSORS1 loci (6p21.3) PBX2 11 A 425 P D 20 Pre-B cell leukemia transcription factor. Homeobox family member. Chr. Location: PSORS1 Loci (6p21.3)

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L4: Entry 12 of 117

File: PGPB

Mar 21, 2002

DOCUMENT-IDENTIFIER: US 20020035065 A1

TITLE: Selective MMP inhibitors having reduced side-effects

Summary of Invention Paragraph (5):

[0003] MMPs are a group of structurally related endopeptidases that degrade the proteinaceous elements of the extracellular matrix. A number of important features are shared by members of the MMP family and include a zinc atom at the catalytic active site, catalytic activity at neutral pH, initial existence as inactive proenzymes, activation involving removal of an N-terminal domain, structural stabilisation by calcium, and inhibition of the catalytically active forms by a family of specific protein inhibitors called Tissue Inhibitor of Metalloproteinases (TIMPs). The MMP family currently consists of twenty members including MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-11, MMP-12, MMP-13, MMP-14, MMP-15, MMP-16, MMP-17, MMP-18, MMP-19 and MMP-20 ("classical MMPs").

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L5: Entry 25 of 26

File: USPT

DOCUMENT-IDENTIFIER: US 5932595 A

TITLE: Matrix metalloprotease inhibitors

Brief Summary Text (9):

Matrilysin (MP-7, PUMP-1) has been shown to degrade a wide range of matrix substrates including proteoglycans, gelatins, fibronectin, elastin, and laminin. Its expression has been documented in mononuclear phagocytes, rat uterine explants and sporadically in tumors. Other less characterized MMPs include macrophage metalloelastase (MME, MMP-12), membrane type MMP (MMP-14), and stromelysin-3 (MMP-11).

Brief Summary Text (12):

In addition to these effects on the release of TNF from cells, MMP inhibitors have also been shown to inhibit the release of other biologically active molecules from cells, including soluble receptors (CD30 and receptors for TNF (p55 and p75), IL-6, IL-1 and TSH), adhesion molecules (e.g., L-selection, ICAM-1, fibronectin) and other growth factors and cytokines, including Fas ligand, TGF-.alpha., EGF, HB-EGF, SCF and M-CSF. Inhibition of the release or shedding of such proteins may be of benefit in a number of disease states, including rheumatoid arthritis, multiple sclerosis, vascular disease, Type II diabetes, HIV, cachexia, psoriasis, allergy, hepatitis, inflammatory bowel disease, and cancer.

Brief Summary Text (330):

The compounds of Formula I also inhibit the release of other biologically active molecules from cells, including soluble receptors (CD30 and receptors for TNF (p55 and p75), IL-6, IL-1 and TSH), adhesion molecules (e.g., L-selection, ICAM-1, fibronectin) and other growth factors and cytokines, including Fas ligand, TGF-.alpha., EGF, HB-EGF, SCF and M-CSF. Inhibition of the release or shedding of such proteins, and are therefore useful for treating a number of disease states, for example rheumatoid arthritis, multiple sclerosis, vascular disease, Type II diabetes, HIV, cachexia, psoriasis, allergy, hepatitis, inflammatory bowel disease, and cancer.

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## Search Results - Record(s) 1 through 26 of 26 returned.

☐ 1. Document ID: US 20020086420 A1

L5: Entry 1 of 26

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086420  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020086420 A1

TITLE: Novel antiangiogenic peptides

PUBLICATION-DATE: July 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moses, Marsha	Brookline	MA	US	
Wu, Inmin	Boston	MA	US	
Fernandez, Cecilia	Boston	MA	US	

US-CL-CURRENT: 435/320.1; 424/199.1, 424/94.63, 435/226, 435/5, 435/91.1, 435/91.33, 514/44, 530/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC
Draw Desc	Image										

☐ 2. Document ID: US 20020064856 A1

L5: Entry 2 of 26

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020064856  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020064856 A1

TITLE: Novel proteases

PUBLICATION-DATE: May 30, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Plowman, Gregory	San Carlos	CA	US	
Whyte, David	Belmont	CA	US	
Caenepeel, Sean	Oakland	CA	US	
Charydczak, Glen	Kentfield	CA	US	
Manning, Gerard	Menlo Park	CA	US	
Sudarsanam, Sucha	Greenbrae	CA	US	

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/6, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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☐ 3. Document ID: US 20020052308 A1

L5: Entry 3 of 26

File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020052308

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020052308 A1

TITLE: Nucleic acids, proteins and antibodies

PUBLICATION-DATE: May 2, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 514/1; 435/183, 435/320.1, 435/325, 435/6, 435/69.1, 435/7.1, 530/350, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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☐ 4. Document ID: US 20020025925 A1

L5: Entry 4 of 26

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020025925

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020025925 A1

TITLE: Combination therapy

PUBLICATION-DATE: February 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wood, Lars Michael	Oxford		GB	
Laber, David Olum	Oxford		GB	
Wright, Annette	Oxford		GB	

US-CL-CURRENT: 514/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 5. Document ID: US 20020019534 A1

L5: Entry 5 of 26

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019534  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020019534 A1

TITLE: Gem substituted hydroxamic acids

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Noe, Mark C.	Mystic	CT	US	

US-CL-CURRENT: 546/220; 549/28, 549/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 6. Document ID: US 20010041710 A1

L5: Entry 6 of 26

File: PGPB

Nov 15, 2001

PGPUB-DOCUMENT-NUMBER: 20010041710  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010041710 A1

TITLE: 2-oxo-imidazolidine-4-carboxylic acid hydroxamide compounds that inhibit matrix metalloproteinases

PUBLICATION-DATE: November 15, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Robinson, Ralph P.	Gales Ferry	CT	US	
Laird, Ellen R.	Mystic	CT	US	

US-CL-CURRENT: 514/278; 514/386, 514/387, 546/16, 546/216, 548/216, 548/230

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 7. Document ID: US 6417229 B1

L5: Entry 7 of 26

File: USPT

US-PAT-NO: 6417229  
DOCUMENT-IDENTIFIER: US 6417229 B1

TITLE: .alpha.-sulfonylamino hydroxamic acid inhibitors of matrix metalloproteinases for the treatment of peripheral or central nervous system disorders

DATE-ISSUED: July 9, 2002

INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Sahagan; Barbara G.	Mystic	CT		
Villalobos; Anabella	Niantic	CT		

US-CL-CURRENT: 514/530; 514/231.2, 514/248, 514/329, 514/330, 514/408, 514/415,  
514/459, 514/562

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 8. Document ID: US 6387901 B1

L5: Entry 8 of 26

File: USPT

US-PAT-NO: 6387901

DOCUMENT-IDENTIFIER: US 6387901 B1

TITLE: Alkyne containing metalloproteinase inhibitors

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chupak; Louis S.	Old Saybrook	CT		

US-CL-CURRENT: 514/237.5; 544/159

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 9. Document ID: US 6380366 B1

L5: Entry 9 of 26

File: USPT

US-PAT-NO: 6380366

DOCUMENT-IDENTIFIER: US 6380366 B1

TITLE: Shark cartilage extract:process of making, methods of using and compositions thereof

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dupont; Eric	Saint-Nicolas			CA
Brazeau; Paul	Montreal			CA
Juneau; Christina	Sainte-Foy			CA
Beliveau; Richard	Ile-des-Soeurs			CA

US-CL-CURRENT: 530/422; 424/548, 424/549, 530/350, 530/400, 530/412, 530/414,  
530/415, 530/417, 530/418

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 10. Document ID: US 6376506 B1

L5: Entry 10 of 26

File: USPT

US-PAT-NO: 6376506

DOCUMENT-IDENTIFIER: US 6376506 B1

TITLE: Sulfamide-metalloprotease inhibitors

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broka; Chris Allen	Foster City	CA		
Campbell; Jeffrey Allen	Cheshire	CT		
Castelhaño; Arlindo Lucas	New City	NY		
Chen; Jian Jeffrey	Santa Clara	CA		
Hendricks; Robert Than	Palo Alto	CA		
Melnick; Michael Joseph	Ann Arbor	MI		
Walker; Keith Adrian Murray	Los Altos Hills	CA		

US-CL-CURRENT: 514/292; 546/87

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 11. Document ID: US 6342521 B1

L5: Entry 11 of 26

File: USPT

US-PAT-NO: 6342521

DOCUMENT-IDENTIFIER: US 6342521 B1

TITLE: 3-(arylsulfonylamino)-tetrahydrofuran-3-carboxylic acid hydroxamides

DATE-ISSUED: January 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reiter; Lawrence A.	Mystic	CT		

US-CL-CURRENT: 514/472; 514/473, 549/482

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 12. Document ID: US 6329397 B1

L5: Entry 12 of 26

File: USPT

US-PAT-NO: 6329397

DOCUMENT-IDENTIFIER: US 6329397 B1

TITLE: Hydroxy pipecolate hydroxamic acid derivatives

DATE-ISSUED: December 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McClure; Kim F.	Mystic	CT		
Noe; Mark C.	Mystic	CT		
Letavic; Michael A.	Mystic	CT		
Chupak; Louis S.	Old Saybrook	CT		

US-CL-CURRENT: 514/330; 514/354, 546/16, 546/225, 546/245, 546/323

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC

☐ 13. Document ID: US 6288063 B1

L5: Entry 13 of 26

File: USPT

US-PAT-NO: 6288063

DOCUMENT-IDENTIFIER: US 6288063 B1

TITLE: Substituted 4-biarylbutyric and 5-biarylpentanoic acid derivatives as matrix metalloprotease inhibitors

DATE-ISSUED: September 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kluender; Harold Clinton Eugene	Trumbull	CT		
Brittelli; David Ross	Branford	CT		
Schoen; William Riley	Madison	CT		
Ha; Sookhee Nicole	Woodbridge	CT		

US-CL-CURRENT: 514/243; 548/183, 548/207, 548/210, 548/221, 548/226, 548/263.4, 548/309.7, 548/317.5, 548/319.5, 548/361.5, 548/451, 548/477, 548/479, 548/510, 548/547, 548/550, 548/573, 562/621, 568/325, 568/42

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 14. Document ID: US 6214870 B1

L5: Entry 14 of 26

File: USPT

US-PAT-NO: 6214870

DOCUMENT-IDENTIFIER: US 6214870 B1

TITLE: Dioxocyclopentyl hydroxamic acids

DATE-ISSUED: April 10, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McClure; Kim F.	Mystic	CT		
Robinson; Ralph P.	Gales Ferry	CT		

US-CL-CURRENT: 514/466; 514/464, 514/465, 549/229, 549/436, 549/439, 549/441

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 15. Document ID: US 6197810 B1

L5: Entry 15 of 26

File: USPT

US-PAT-NO: 6197810

DOCUMENT-IDENTIFIER: US 6197810 B1

TITLE: 3-(arylsulfonylamino)-tetrahydropyran-3-carboxylic acid hydroxamides

DATE-ISSUED: March 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reiter; Lawrence A.	Mystic	CT		

US-CL-CURRENT: 514/459; 549/419, 549/424

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 16. Document ID: US 6156798 A

L5: Entry 16 of 26

File: USPT

US-PAT-NO: 6156798

DOCUMENT-IDENTIFIER: US 6156798 A

TITLE: Cyclobutyl-aryloxyarylsulfonylamino hydroxamic acid derivatives

DATE-ISSUED: December 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reiter; Lawrence A.	Mystic	CT		

US-CL-CURRENT: 514/562; 560/13, 560/312, 562/427, 562/430

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 17. Document ID: US 6143744 A

L5: Entry 17 of 26

File: USPT

US-PAT-NO: 6143744

DOCUMENT-IDENTIFIER: US 6143744 A

TITLE: Sulfamide-metalloprotease inhibitors

DATE-ISSUED: November 7, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broka; Chris Allen	Foster City	CA		
Campbell; Jeffrey Allen	Fremont	CA		
Castelhano; Arlindo Lucas	New City	NY		
Chen; Jian Jeffrey	Santa Clara	CA		
Hendricks; Robert Than	Palo Alto	CA		
Melnick; Michael Joseph	San Diego	CA		
Walker; Keith Adrian Murray	Los Altos Hills	CA		

US-CL-CURRENT: 514/238.2, 514/252.12, 514/252.2, 514/253.11, 514/254.02, 514/254.1,  
514/314, 514/315, 514/316, 514/318, 514/320, 514/323, 514/324, 514/326, 514/329,  
514/330, 514/331, 514/412, 514/575, 544/159, 544/260, 544/268, 544/295, 544/383,  
546/175, 546/189, 546/193, 546/194, 546/196, 546/201, 546/202, 546/207, 546/210,  
546/212, 546/214, 546/220, 546/225, 546/233, 548/491, 562/623

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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☐ 18. Document ID: US 6130220 A

L5: Entry 18 of 26

File: USPT

US-PAT-NO: 6130220

DOCUMENT-IDENTIFIER: US 6130220 A

TITLE: Sulfamide-metalloprotease inhibitors

DATE-ISSUED: October 10, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broka; Chris Allen	Foster City	CA		
Campbell; Jeffrey Allen	Fremont	CA		
Castelhano; Arlindo Lucas	New City	NY		
Chen; Jian Jeffrey	Santa Clara	CA		
Hendricks; Robert Than	Palo Alto	CA		
Melnick; Michael Joseph	San Diego	CA		
Walker; Keith Adrian Murray	Los Altos Hills	CA		

US-CL-CURRENT: 514/255.01, 514/300, 514/301, 514/302, 514/318, 514/330, 514/331,  
544/121, 544/350, 544/360, 544/380, 544/58.4, 546/113, 546/114, 546/115, 546/193,

546/225, 546/235

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 19. Document ID: US 6114361 A

L5: Entry 19 of 26

File: USPT

US-PAT-NO: 6114361

DOCUMENT-IDENTIFIER: US 6114361 A

TITLE: 5-oxo-pyrrolidine-2-carboxylic acid hydroxamide derivatives

DATE-ISSUED: September 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Robinson; Ralph P.	Gales Ferry	CT		
Laird; Ellen R.	Mystic	CT		

US-CL-CURRENT: 514/340; 514/343, 514/423, 514/424, 546/278.4, 546/279.1, 548/537,  
548/543, 548/550, 548/551

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC

☐ 20. Document ID: US 6110964 A

L5: Entry 20 of 26

File: USPT

US-PAT-NO: 6110964

DOCUMENT-IDENTIFIER: US 6110964 A

TITLE: Bicyclic hydroxamic acid derivatives

DATE-ISSUED: August 29, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Robinson; Ralph Pelton	Gales Ferry	CT		

US-CL-CURRENT: 514/456; 549/397

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC

☐ 21. Document ID: US 6087392 A

L5: Entry 21 of 26

File: USPT

US-PAT-NO: 6087392

DOCUMENT-IDENTIFIER: US 6087392 A

TITLE: (4-arylsulfonylamino)-tetrahydropyran-4-carboxylic acid hydroxamides

DATE-ISSUED: July 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reiter; Lawrence Alan	Mystic	CT		

US-CL-CURRENT: 514/459; 514/336, 546/282.1, 549/424

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 22. Document ID: US 6043231 A

L5: Entry 22 of 26

File: USPT

US-PAT-NO: 6043231

DOCUMENT-IDENTIFIER: US 6043231 A

TITLE: Inhibition of excessive phospholipase A.sub.2 activity and/or production by non-antimicrobial tetracyclines

DATE-ISSUED: March 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pruzanski; Waldemar	Toronto			CA
Golub; Lorne M.	Smithtown	NY		
Vadas; Peter	Toronto			CA
Greenwald; Robert A.	Melville	NY		
Ramamurthy; Nangavarum S.	Smithtown	NY		
McNamara; Thomas F.	Port Jefferson	NY		

US-CL-CURRENT: 514/152; 514/825, 514/863, 514/895

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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☐ 23. Document ID: US 6015804 A

L5: Entry 23 of 26

File: USPT

US-PAT-NO: 6015804

DOCUMENT-IDENTIFIER: US 6015804 A

TITLE: Method of using tetracycline compounds to enhance interleukin-10 production

DATE-ISSUED: January 18, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Golub; Lorne M.	Smithtown	NY		
Ritchlin; Christopher T.	Canandaigua	NY		
Greenwald; Robert A.	Melville	NY		
Haas-Smith; Sally	Penfield	NY		
Moak; Susan A.	Bayside	NY		
Lee; Hsi-Ming	Setauket	NY		

US-CL-CURRENT: 514/152

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 24. Document ID: US 5998412 A

L5: Entry 24 of 26

File: USPT

US-PAT-NO: 5998412

DOCUMENT-IDENTIFIER: US 5998412 A

TITLE: Sulfamide-metalloprotease inhibitors

DATE-ISSUED: December 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Broka; Chris Allen	Foster City	CA		
Campbell; Jeffrey Allen	Fremont	CA		
Castelhano; Arlindo Lucas	New City	NY		
Chen; Jian Jeffrey	Santa Clara	CA		
Hendricks; Robert Than	Palo Alto	CA		
Melnick; Michael Joseph	San Diego	CA		
Walker; Keith Adrian Murray	Los Altos Hills	CA		

US-CL-CURRENT: 514/250; 514/227.5, 514/238.2, 514/255.02, 514/300, 514/301, 514/302,  
514/318, 514/330, 514/331, 514/562, 544/350, 544/360, 544/380, 546/113, 546/114,  
546/115, 546/193, 546/225, 546/235, 562/556

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 25. Document ID: US 5932595 A

L5: Entry 25 of 26

File: USPT

US-PAT-NO: 5932595

DOCUMENT-IDENTIFIER: US 5932595 A

TITLE: Matrix metalloprotease inhibitors

DATE-ISSUED: August 3, 1999

## INVENTOR-INFORMATION:



NAME	CITY	STATE	ZIP CODE	COUNTRY
Bender; Steven Lee	Oceanside	CA		
Broka; Chris Allen	Foster City	CA		
Campbell; Jeffrey Allen	Fremont	CA		
Castelhano; Arlindo Lucas	New York	NY		
Fisher; Lawrence Emerson	Mountain View	CA		
Hendricks; Robert Than	Palo Alto	CA		
Sarma; Keshab	Sunnyvale	CA		

US-CL-CURRENT: 514/317; 514/319, 514/327, 514/330, 514/331, 514/354, 514/357,  
514/423, 514/438, 514/451, 514/565, 514/588, 514/595, 514/618, 514/625, 514/628,  
514/825, 514/885, 514/900, 514/903, 546/192, 546/195, 546/225, 546/227, 546/229,  
546/233, 546/235, 546/238, 546/239, 546/242, 546/245, 548/531, 548/537, 548/566,  
548/572, 549/426, 549/427, 549/66, 549/71, 562/431, 562/452, 562/503, 562/504,  
562/507, 562/555, 562/556, 564/209, 564/224, 564/42, 564/56, 564/57

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
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☐ 26. Document ID: US 5523297 A

L5: Entry 26 of 26

File: USPT

US-PAT-NO: 5523297

DOCUMENT-IDENTIFIER: US 5523297 A

TITLE: Inhibition of excessive phospholipase A.sub.2 activity and/or production by non-antimicrobial tetracyclines

DATE-ISSUED: June 4, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pruzanski; Waldemar	Toronto			CA
Golub; Lorne M.	Smithtown	NY		
Vadas; Peter	Toronto			CA
Greenwald; Robert A.	Melville	NY		
Ramamurthy; Nangavarum S.	Smithtown	NY		
McNamara; Thomas F.	Port Jefferson	NY		

US-CL-CURRENT: 514/152

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KIMC
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